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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 C.F.R. §1.8

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Michelle Ludwig
Michelle Ludwig

In re application of: Duncan et al.

Serial No.: 10/708,724

Filed: March 19, 2004

For: A Novel Culture Method for Corn
Transformation

)
) Examiner: Unknown
)
) Group Art Unit: 1638
)
) Conf. No. 2723
)
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Commissioner for Patents
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Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

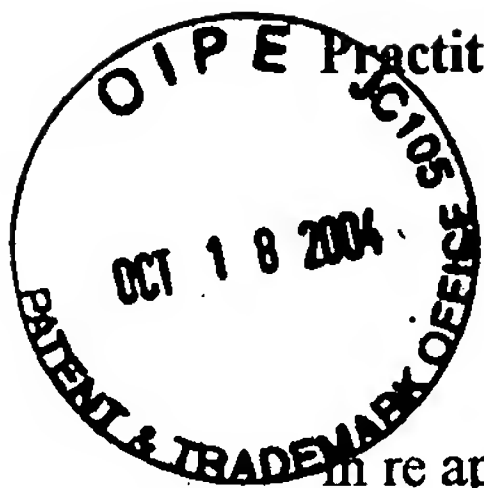
Transmitted herewith are the following documents in the above-identified application.

- X Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action (37 C.F.R. §1.97(b))
- X PTO Form 1449
- X Twenty-Six (26) References
- X If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 13-4125 accordingly.
- X No fee is believed required with this filing.
- X Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125. A duplicate copy of this sheet is attached.

Respectfully submitted,

JRS

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Practitioner's Docket No. 38-21(52503)B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Duncan et al.
Application No.: 10/708,724
Filed: March 19, 2004
For: A Novel Culture Method for Corn Transformation

Group No.: 1638
Examiner: Unknown
Conf. No. 2723

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Alexandria, Virginia 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

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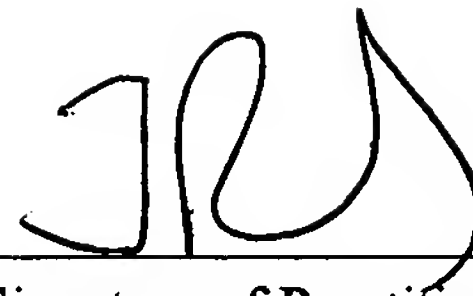
Michelle Ludwig
(type or print name of person certifying)

Date: October 14, 2004

Reg. No.: 46,249

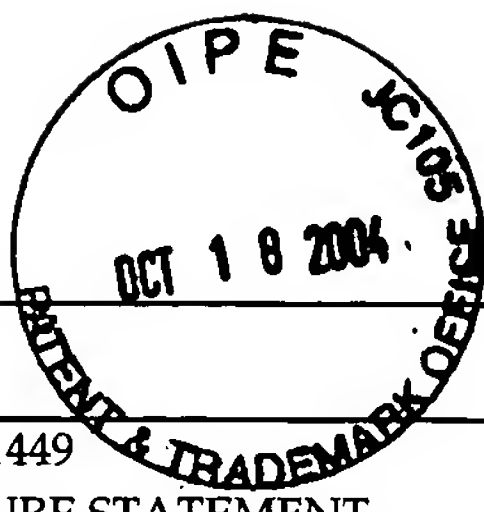
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A handwritten signature in black ink, appearing to be 'M. Todd Rands', written over a horizontal line.

Signature of Practitioner

M. Todd Rands



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 38-21(52503)B		APPLICATION NO. 10/708,724	
				APPLICANT Duncan et al.			
				FILING DATE March 19, 2004		GROUP 1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,281,529	01/25/1994	Zhong et al.			
	AB	5,320,961	06/14/1994	Zhong et al.			
	AC	5,767,368	06/16/1998	Zhong et al.			
	AD	6,140,555	10/31/2000	Reichert et al.			
	AE	6,444,470	09/03/2002	Ross et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AF						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AG		Armstrong et al., Establishment and maintenance of friable, embryogenic maize callus and the involvement of L-proline, <i>Planta</i> 164:207-214 (1985)				
	AH		Chen et al., A protocol for consistent, large-scale production of fertile transgenic rice plants, <i>Plant Cell Reports</i> 18:25-31 (1998)				
	AI		Cho et al., High frequency transformation of oat via microprojectile bombardment of seed-derived highly regenerative cultures, <i>Plant Science</i> 148:9-17 (1999)				
	AJ		Cho et al., Production of transgenic tall fescue and red fescue plants by particle bombardment of mature seed-derived highly regenerative tissues, <i>Plant Cell Reports</i> 19:1084-1089 (2000)				
	AK		Cho et al., Transformed T ₀ orchardgrass (<i>Dactylis glomerata</i> L.) plants produced from highly regenerative tissues derived from mature seeds, <i>Plant Cell Reports</i> 20:318-324 (2001)				
	AL		Dolgykh, Establishment of Callus Cultures and Regeneration of Maize Plants, <i>Biotechnology in Agriculture and Forestry</i> 25:24-36 (1994)				
	AM		Hisajima, Maize Propagation and Breeding Through the Culture of Reproductive Organs, <i>Biotechnology in Agriculture and Forestry</i> 25:37-49 (1994)				
	AN		Fransz et al., An ultrastructural study on the early development of <i>Zea mays</i> somatic embryos, <i>Can J. Bot.</i> 69:858-865 (1990)				
	AO		Fransz et al., Cytodifferentiation during the development of friable embryogenic callus of maize, <i>Can. J. Bot.</i> 69:26-33 (1991)				
	AP		Fransz et al., Ultrastructural Studies on Callus Development and Somatic Embryogenesis in <i>Zea mays</i> L., <i>Biotechnology in Agriculture and Forestry</i> 25: 50-63 (1994)				
	AQ		Lee et al., Effects of Priming and Growth Regulator Treatment of Seed on Emergence and Seedling Growth of Rice, <i>Korean J. Crop Sci.</i> 44:134-137 (1999)				

	AR	Li et al., Developmental, Tissue Culture, and Genotypic Factors Affecting Plant Regeneration from Shoot Apical Meristems of Germinated <i>Zea Mays</i> L. Seedlings, <i>In Vitro Cell. Dev. Biol. – Plant</i> 38:285-292 (2002)
	AS	Lupotto et al., Secondary Somatic Embryogenesis from Regenerating Plantlets of the Inbred Line B79 of Maize (<i>Zea mays</i> L.). Switch from Type 1 to Type 2 Callus and Effect on the Regenerative Potential, <i>Maydica</i> 33:163-177 (1988)
	AT	Meijer et al., Regeneration of whole plants from hypocotyls, root-, and leaf-derived tissue cultures of the pasture legume <i>Stylosanthes guyanensis</i> , <i>Physiol. Plant</i> 52:280-284 (1981)
	AU	Nayyar et al., Performance of bread wheat (<i>Triticum aestivum</i>) seed primed with growth-regulators and inorganic salts, <i>Indian Journal of Agricultural Sciences</i> 65:112-116 (1995)
	AV	Nhut et al., Somatic embryogenesis and direct shoot regeneration of rice (<i>Oryza sativa</i> L.) using their cell layer culture of apical meristematic tissue, <i>J. Plant Physiol.</i> 157:559-565 (2000)
	AW	O'Connor-Sanchez et al., Transgenic maize plants of tropical and subtropical genotypes obtained from calluses containing organogenic and embryogenic-like structures derived from shoot tips, <i>Plant Cell Rep.</i> 21:302-312 (2002)
	AX	Prioli et al., Somatic Embryogenesis and Plant Regeneration Capacity in Tropical Maize Inbreds, <i>Rev. Brasil. Genet.</i> 12:553-566 (1989)
	AY	Zhong et al., In-vitro morphogenesis of corn (<i>Zea mays</i> L.), <i>Planta</i> 187: 483-489 (1992)
	AZ	Zhong et al., In-vitro morphogenesis of corn (<i>Zea mays</i> L.), <i>Planta</i> 187:490-497 (1992)
	BA	Zhong et al., The Competence of Maize Shoot Meristems for Integrative Transformation and Inherited Expression of Transgenes, <i>Plant Physiol.</i> 110:1097-1107 (1996)
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		